

Weekly Report 2016.06.13-2016.06.19

Progress:

1. Huawei Project.

This week I implemented the zoom operation of the ego network, as well as the drag operation of nodes in the ego network.

While I'm implementing the interactions, I met some bugs. Currently, the interaction is complete by catch interaction → refresh data models → remove svg → re-generate svg → re-bind interactions. However, the monitor of mouse wheel is bound on the div which is the parent tag of the svg. Therefore, when the interactions are re-bound, there are multiple mouse wheel responses on the div. The second bug is that I firstly use d3 to watch the mouse wheel events, but once the svg is removed, the event will be reset and the parameter of the zoom operation is also reset.

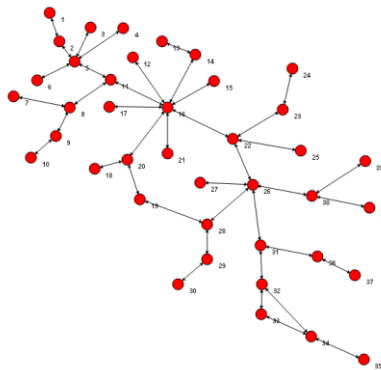
These bugs are all fixed and I will start to implement left interactions, this work should be finished by the end of next week.

2. Review two papers from VINCI

I reviewed two papers from vinci. I think one of the papers is kind related to our HUAWEI project. It introduced a new interaction technique to visually edit the attributes of nodes in networks.

3. Vis Submission

I found a small test data whose structure is:



The metric values of each node are also calculated. I will check the ranks of these nodes next week.

Plan:**1. Huawei Project**

Finish the interactions.

2. Vis Submission

Discuss the revision plan with Prof. Wu.